

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 7 December 2005 (12. 2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPN. NO. (if known) Not Yet Assigned <b>104562125</b>
INTERNATIONAL APPLICATION NO.: PCT/KR2004/001557	INTERNATIONAL FILING DATE: 25 June 2004 (25.06.2004)	PRIORITY DATE CLAIMED: 27 June 2003 (27.06.2003) KR
TITLE OF INVENTION: NOVEL CEPHALOSPORIN DERIVATIVES, ITS PHARMACEUTICALLY ACCEPTABLE SALTS AND MANUFACTURING PROCESS THEREOF		
APPLICANT(S) FOR DO/EO/US: KIM, Sung-gyu; LEE, Jeong-min; JEUN, Jong-ok; SOHNM, Sang-kwon; CHOI, Kyung-il; KIM, Joong-hyup; NAM, Ghil-soo		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).  b. <input type="checkbox"/> has been communicated by the International Bureau.  c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).  b. <input type="checkbox"/> have been communicated by the International Bureau.  c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:  <b>TRANSMITTAL FORM WITH FEE CALCULATION; INTERNATIONAL PUBLICATION 2005/000853 A1 WITH INTERNATIONAL PUBLICATION DATE 6 JANUARY 2005 (06.01.2005) WHICH CONSISTS OF 32 PAGES INCLUDING 1 COVER SHEET CONTAINING THE ABSTRACT, 25 PAGES TEXTUAL SPECIFICATION, 6 PAGES OF 8 CLAIMS, 0 SHEETS DRAWINGS; UNEEXECUTED INVENTOR'S DECLARATION; PCT/IPEA/409 INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY; PCT REQUEST.</b> </p>		

U.S. APPLICATION NO. (if known) not yet assigned <b>10/562125</b>	INTERNATIONAL APPLICATION NO. PCT/ KR2004/001557	DATE: 23 December 2005 (23.12.2005)	
<p>21. Basic national fee ..... \$ 300</p> <p>22. Examination fee If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US and all claims satisfy Provisions of PCT Article 33(1)-(4) ..... \$ 0</p> <p>All other situations..... \$200</p> <p>23. Search fee (37 CFR 1.492(b) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$ 0</p> <p>Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority..... \$100</p> <p>International Search Report prepared and provided to the Office..... \$400</p> <p>All other situations..... \$500</p> <p>Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <p style="text-align: right;"><b>TOTAL OF 21, 22 &amp; 23=</b></p>		<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NO. FILED	NO. EXTRA	RATE
TOTAL	<u>11 -20=</u>	0	X \$ 50.00
INDEPENDENT	<u>2 - 3=</u>	0	X \$ 200.00
Multiple dependent claims(s) (if applicable)		+ \$360.00	\$ 360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 1,260.00	
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).		\$ 0.00	
<b>SUBTOTAL =</b>		\$ 1,260.00	
Processing fee of \$130.00 for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)). +		\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>		\$ 1,260.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property +</b>		\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>		\$ 1,260.00	
		Amount to be: refunded charged	\$

U.S. APPLICATION NO.  
(if known) not yet assignedINTERNATIONAL APPLICATION NO.  
PCT/KR2004/001557

DATE: 23 December 2005 (23.12.2005)

10/562125

a.  One check in the aggregate amount of \$1,260.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. 14-0112 in the amount of \$\_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

d. Fees are to be charged to a credit card \_\_\_\_ WARNING: Information on this form may become public \_\_\_\_ Credit Card Information should not be included on this form. \_\_\_\_ Provide credit card information and authorization on PTO-2038

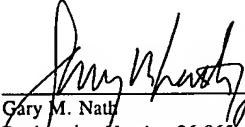
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

**CUSTOMER NO. 20529**

Gary M. Nath  
**NATH & ASSOCIATES PLLC**  
 112 South West Street  
 Alexandria, VA 22314

(202) 775-8383 (phone)  
 (202) 775-8396 (fax)



Gary M. Nath  
 Registration Number 26,965  
 Tanya E. Harkins  
 Registration Number 52,993  
 Jerald L. Meyer  
 Registration Number 41,194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KIM et al.

International Application No. PCT/KR2004/001557

Serial No. NOT YET ASSIGNED

International Filing Date: 25 June 2004 (25.06.2004)

Filed: December 23, 2005

For: NOVEL CEPHALOSPORIN DERIVATIVES, ITS PHARMACEUTICALLY  
ACCEPTABLE SALTS AND MANUFACTURING PROCESS THEREOF

10/562125

TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

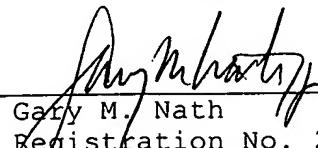
Sir:

Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office  
(DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- (3) International Publication No: WO 2005/000853 A1,  
International Publication Date: 6 January 2005 (06.01.2005)  
which consists of 32 pages including:  
    1 cover sheet containing the Abstract;  
    25 pages Textual Specification,  
    6 pages of 8 Claims,  
    0 sheets of Drawings;
- (4) Unexecuted Inventor's Declaration;
- (5) PCT/IPEA/409 International Preliminary Report on  
Patentability;
- (6) PCT Request;
- (7) Check No. 1388 \$ 1,260.00 for Government Basic  
National Stage Fee, Search Fee, Examination fee, and  
Multiple Dependent Claims fee;
- (12) Postcard for early notification of serial number.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

By:

  
\_\_\_\_\_  
Gary M. Nath  
Registration No. 26,965  
Tanya E. Harkins  
Registration No. 52,993  
Jerald L. Meyer  
Registration No. 41,194  
Customer No. 20529

Date: December 23, 2005  
NATH & ASSOCIATES PLLC  
112 South West Street  
Alexandria, VA 22314  
GMN/TEH/JLM/dd/PCT.NATLphase.TL